(b) the efforts being made to accelarate the expanding of the reserve list after giving wider publicity to the reservation procedure of small scale industry, and

(c) the other measures being taken by the Government to promote and protect small scale industry?

THE MINISTER OF STATE IN THE MINISTRY OF INDUSTRY (PROF P J KURIEN) (a) and (b) Reservation of items for exclusive manufacture in the small scale sector is a continuous process The Advisory Committee on Reservation constituted under the Industries (Development and Regulation) Act 1951 meets periodically and considers items to be reserved, to de-reserved and the nomenclature of items to be changed on the basis of proposals placed before it As on date, 836 items are reserved for exclusive manufacture in the small scale sector

(c) Policy measures for promoting and strengthening small, tiny and village enterprises were laid in Parliament on 6th August, 1991 These policy measures are intended to promote and protect the interests of small scale sector

Exposure to Biotechnology

2478 SHRI SANAT KUMAR MANDAL Will the PRIME MINISTER be pleased to state

(a) the outcome of the first-ever Science Industry National Consortium on Bio technology held in April, 1990,

(b) whether the Government propose to disseminate of for wider public awareness as a part of involvement of people through education and exposure to bio-technology, and

(c) if so, the details thereof and the steps taken to demystify bio-technology?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS (SHRIMATI MARGARET ALVA) (a) to (c) It was unanimously agreed by the participants of the April 1990 meeting, comprising Scientists, Biotechnologists, Industrialists Entrepreneurs, representatives from the Financial Institutions and Senior Government Officials to set up a Biotechnology Consortium with the objective of permuting commercialisation of biotechnology based products and services A company jointly promoted by Industrial Development Bank of India and other financial institutions and industries was constituted in September, 1990 by the name of M/s Biotech Consortium India Ltd (BCIL), New Delhi BCIL has taken initiatives to generate wider public awaroness in biotech nology through information services and has started publishing a "News Letter BCIL has been organising and participating in workshops, meetings, industry-university get-together, technology fairs, and various other aspects of biotechnology promotion It has played an important role in creating awareness about the scientific, technological and commercial aspects of biotechnology amongst the R & D Financial and industrial institutions, entrepreneurs and general public Technology, technologists and pat ents directories are being prepared for use of industries

R and D Institutions and Industry

2479 SHRI SANAT KUMAR MANDAL Will the PRIME MINISTER be pleased to state

(a) whether there exists any effective linkage between research and development institutions and industry to ensure substan tial progress in industrial marketing in the domestic and international markets

(b) if so, the details thereof; and

(c) if not, the measures proposed to be taken in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF INDUSTRY (PROF. P.J. KURIEN): (a) Yes, Sir.

(b) The National Research Development Corporation, a public sector undertaking under the Ministry of Science and Technology, has been established especially to develop and exploit indigenous know-how, inventions, patents and processes emanating from various research and development institutions in the country The Corporation undertakes commercialisation of laboratory know-how, promotion and commercialisation of inventions; development and promotion of rural technology; export of technology: and dissemination of information on Technology Transfer. During 1990-91, the National Research Development Corporation earned foreign exchange to the extent of Rs. 98.72 lakhs through export of indigenous technologies. Besides this, the financial institutions are also participating in programmes for encouraging linkage between R & D and commercialization of technology.

(c) Does not arise.

Drug Companies

2480. SHRI YELLAIAH NANDI. Will the PRIME MINISTER be pleased to state:

(a) the details of the drug companies owned by the Government and the total investment made in each of them;

(b) the product range of each of the company and their contribution in the total pharmaceutical sector;

(c) the total production of bulk drugs and formulations by these companies and the profits and losses made by each of them during the last three years, year-wide and company wise;

(d) whether the Government propose to close down some of these companies; and

(e) if so, the details thereof and the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS & FERTILIZERS (DR CHINTA MOHAN): (a) to (c) There are five Public sector Drug Units under the Department of Chemicals & Petrochemicals, namely Indian Drugs & Pharmaceuticals Ltd., Gurgaon, Hindustan Antibiotics Limited, Pimpri, Pune, Bengal Chemicals & Pharmaceuticals Limited, Calcutta, Bengal Immunity Limited, Calcutta & Smith Stanistreet Pharmaceuticlas Ltd Calcutta Of the five public sector drug units two namely Indian Drugs & Pharmaceuticals Ltd., and Hindustan Antibiotics Ltd. are manufacturing bulk as well as a number of formulations. The other three companies are mainly engaged in the manufacture of formulations IDPL is a major source of vitamin B1 and B2, Folic Acid. Indian Drugs & Pharmaceuticals and Hindustan Antibiotics Ltd are major producers of Penicillin G First Crystal. A number of down stream units, both in the organised as well as in the small scale sector, depend upon the bulk drugs produced by these companies. The details of the authorised paid up capital, production, net profit or loss for the last three years are indicated in the attached statement.

(d) and (e). There is no proposal with the Department of Chemicals and Petrochemicals to close down these companies